

(Draft of a Paper) The Effects of an Aging Population on Military Recruitment and Retention

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Abstract

Resumo em PT-BR.

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Resumo em EN.

1 Methodology

Python was the chosen programming language for data analysis. The packages Polars, Matplotlib, Scikit-learn, and Statsmodels were used for the initial data analysis, plotting figures, a posteriori data analysis with ML, and for the prediction of the Brazilian population beyond 2070 until 2100, respectively. The adopted Python's version was the 3.13.11.

The development environment was the Anaconda in its mini-version – the miniconda.

O ambiente de desenvolvimento foi o Anaconda na sua versão reduzida – o miniconda. Foi criado um ambiente virtual no miniconda chamado *etl_da_ml* para que as bibliotecas do python usem o Apache Spark na sua versão Python via a plataforma Databricks, constantemente URL